

35. (New) The implantable medical stent of claim 31, wherein the implantable medical stent is a self expanding implantable medical stent.

36. (New) The implantable medical stent of claim 31, wherein the implantable medical stent is in the shape of a tube.

37. (New) The implantable medical stent of claim 31, wherein the implantable medical stent includes at least first and second layers, the first layer being formed of the cobalt alloy.

38. (New) The implantable medical stent of claim 37, wherein the second layer is formed of a material that is more dense than the cobalt alloy.

39. (New) The implantable medical stent of claim 38, wherein the second layer is disposed inwardly of the first layer.

40. (New) The implantable medical stent of claim 39, wherein the second material comprises a metal selected from the group consisting of tungsten, tantalum, rhenium, iridium, silver, gold, bismuth, platinum and alloys thereof.

41. (New) The implantable medical stent of claim 39, wherein the first metal has a density of 9.9 g/cc or greater.

42. (New) The implantable medical stent of claim 39, wherein the first metal has a density of about 16 g/cc or greater.

43. (New) The implantable medical stent of claim 39, wherein the first and second layers are coaxial.

44. (New) The implantable medical stent of claim 38, wherein the second material comprises a metal selected from the group consisting of tungsten, tantalum, rhenium, iridium, silver, gold, bismuth, platinum and alloys thereof.

45. (New) The implantable medical stent of claim 38, wherein the first metal has a density of 9.9 g/cc or greater.

46. (New) The implantable medical stent of claim 38, wherein the first metal has a density of about 16 g/cc or greater.

47. (New) The implantable medical stent of claim 38, wherein the first and second layers are coaxial.

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48. (New) The implantable medical stent of claim 37, wherein the second material comprises a metal selected from the group consisting of tungsten, tantalum, rhenium, iridium, silver, gold, bismuth, platinum and alloys thereof.

49. (New) The implantable medical stent of claim 37, wherein the first metal has a density of 9.9 g/cc or greater.

50. (New) The implantable medical stent of claim 37, wherein the first metal has a density of about 16 g/cc or greater.

51. (New) The implantable medical stent of claim 37, wherein the first and second layers are coaxial.

52. (New) The implantable medical stent of claim 37, wherein the second layer is disposed inwardly of the first layer.

53. (New) The implantable medical stent of claim 37, wherein the implantable medical stent is in the shape of a tube.

54. (New) The implantable medical stent of claim 36, wherein the implantable medical stent has a length of from about two centimeters to about eight centimeters.

55. (New) The implantable medical stent of claim 36, wherein the implantable medical stent has a length of from about four millimeters to about 12 millimeters. *.4-1.2 cm*

56. (New) The implantable medical stent of claim 35, wherein the implantable medical stent has a length of from about two centimeters to about eight centimeters.

57. (New) The implantable medical stent of claim 35, wherein the implantable medical stent has a length of from about four millimeters to about 12 millimeters. *.4-1.2 cm*

58. (New) An implantable medical stent having at least three layers including a first layer formed of a first material and a second layer formed of a cobalt alloy, the first material being more dense than the cobalt alloy.

59. (New) The implantable medical stent of claim 58, wherein the implantable medical stent has a diameter of from one millimeter to 20 millimeters.

60. (New) The implantable medical stent of claim 58, wherein the implantable medical stent has a diameter of from three millimeters to four millimeters.

61. (New) The implantable medical stent of claim 58, wherein the implantable medical stent is a balloon-expandable implantable medical stent.

62. (New) The implantable medical stent of claim 58, wherein the implantable medical stent is a self expanding implantable medical stent.

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63. (New) The implantable medical stent of claim 58, wherein the first layer is disposed inwardly of the second layer.

64. (New) The implantable medical stent of claim 63, wherein the second material comprises a metal selected from the group consisting of tungsten, tantalum, rhenium, iridium, silver, gold, bismuth, platinum and alloys thereof.

65. (New) The implantable medical stent of claim 63, wherein the first metal has a density of 9.9 g/cc or greater.

66. (New) The implantable medical stent of claim 63, wherein the first metal has a density of about 16 g/cc or greater.

67. (New) The implantable medical stent of claim 63, wherein the first and second layers are coaxial.

68. (New) The implantable medical stent of claim 58, wherein the second material comprises a metal selected from the group consisting of tungsten, tantalum, rhenium, iridium, silver, gold, bismuth, platinum and alloys thereof.

69. (New) The implantable medical stent of claim 58, wherein the first metal has a density of 9.9 g/cc or greater.

70. (New) The implantable medical stent of claim 58, wherein the first metal has a density of about 16 g/cc or greater.

71. (New) The implantable medical stent of claim 58, wherein the first and second layers are coaxial.

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72. (New) The implantable medical stent of claim 71, wherein the second material comprises a metal selected from the group consisting of tungsten, tantalum, rhenium, iridium, silver, gold, bismuth, platinum and alloys thereof.

73. (New) The implantable medical stent of claim 71, wherein the first metal has a density of 9.9 g/cc or greater.

74. (New) The implantable medical stent of claim 71, wherein the first metal has a density of about 16 g/cc or greater.

75. (New) The implantable medical stent of claim 58, wherein the implantable medical stent has a length of from about two centimeters to about eight centimeters.

76. (New) The implantable medical stent of claim 58, wherein the implantable medical stent has a length of from about four millimeters to about 12 millimeters.--
